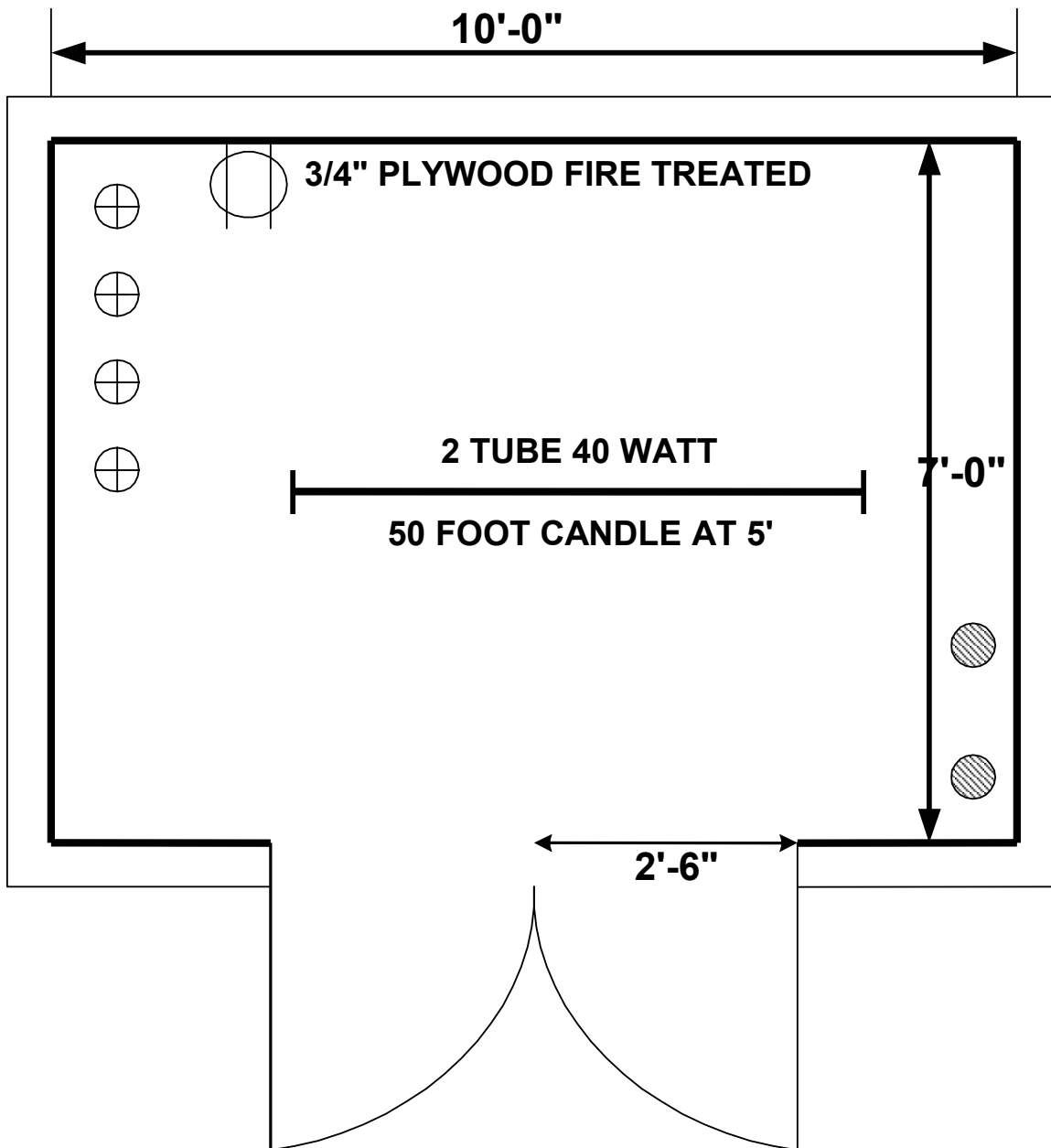


**TYPICAL TELEPHONE CLOSET
FLOOR-SERVING PBX
(200 STATION OR SMALLER)**

NOTE: PROVIDE THE FOLLOWING

1. Four (4) separately fused 20-amp, 3-wire, 110-volt double duplex receptacle with isolated ground; up 18" from ground to wall.
2. Two overhead 2-tube fluorescent lighting fixtures with switch.
3. 12" ground buss bar with the #6 ground wire to building ground; conforms to NEC code.
4. 3/4" plywood with sealed surface; fire rated.
5. Sleeves through floors and ceilings as required.
6. Wall space to be maintained clear and unobstructed for telephone use; walls should be painted white.
7. U.F.D. (Under floor duct) to turn up 3" from wall.
8. Door to open out.
9. Environmental and other electrical requirements to be stated at the time of specific Design.

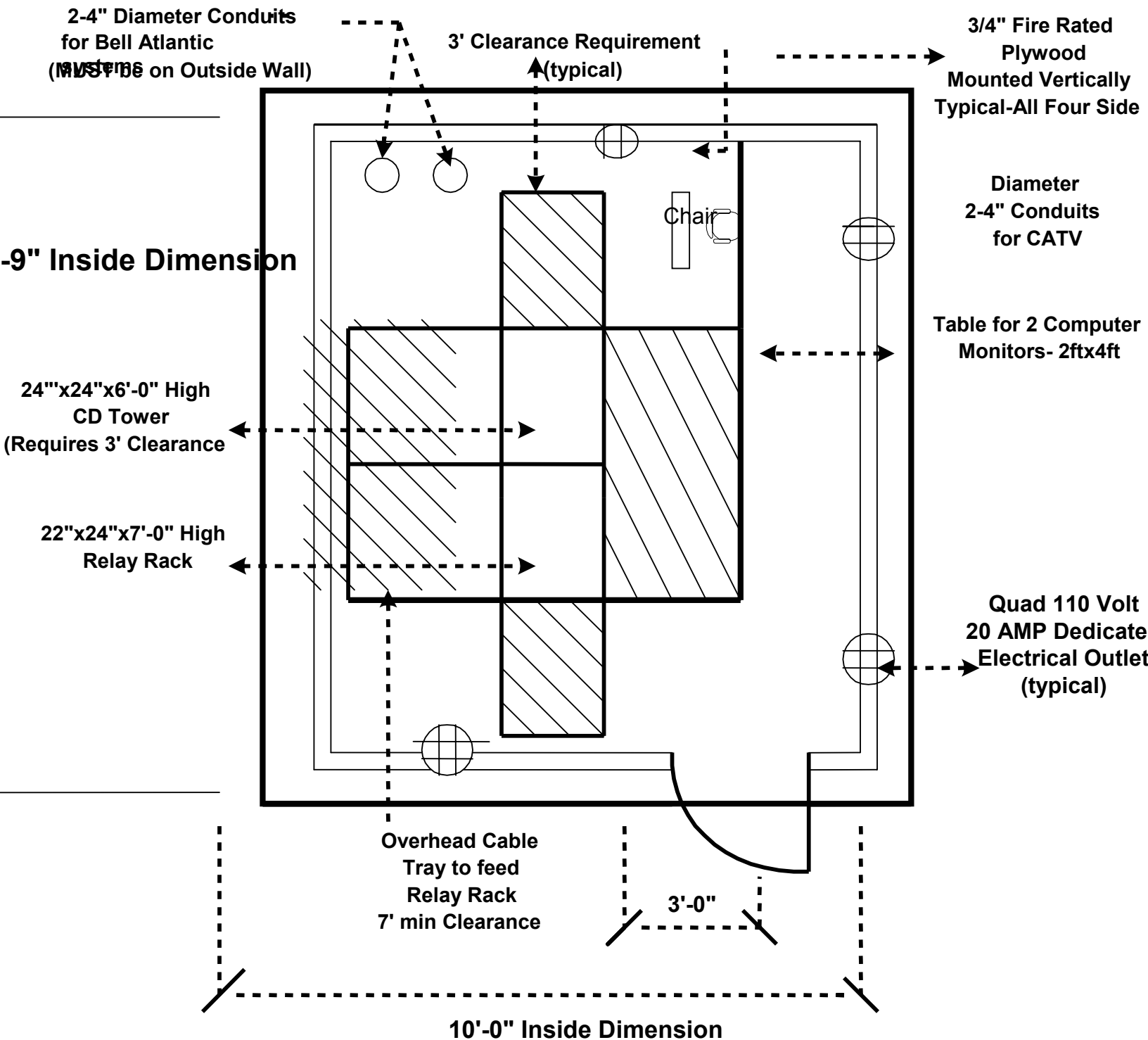
ATTACHMENT 16000-A.1



TYPICAL TELEPHONE CLOSET SERVING ELECTRONIC KEY/HYBRID SYSTEMS

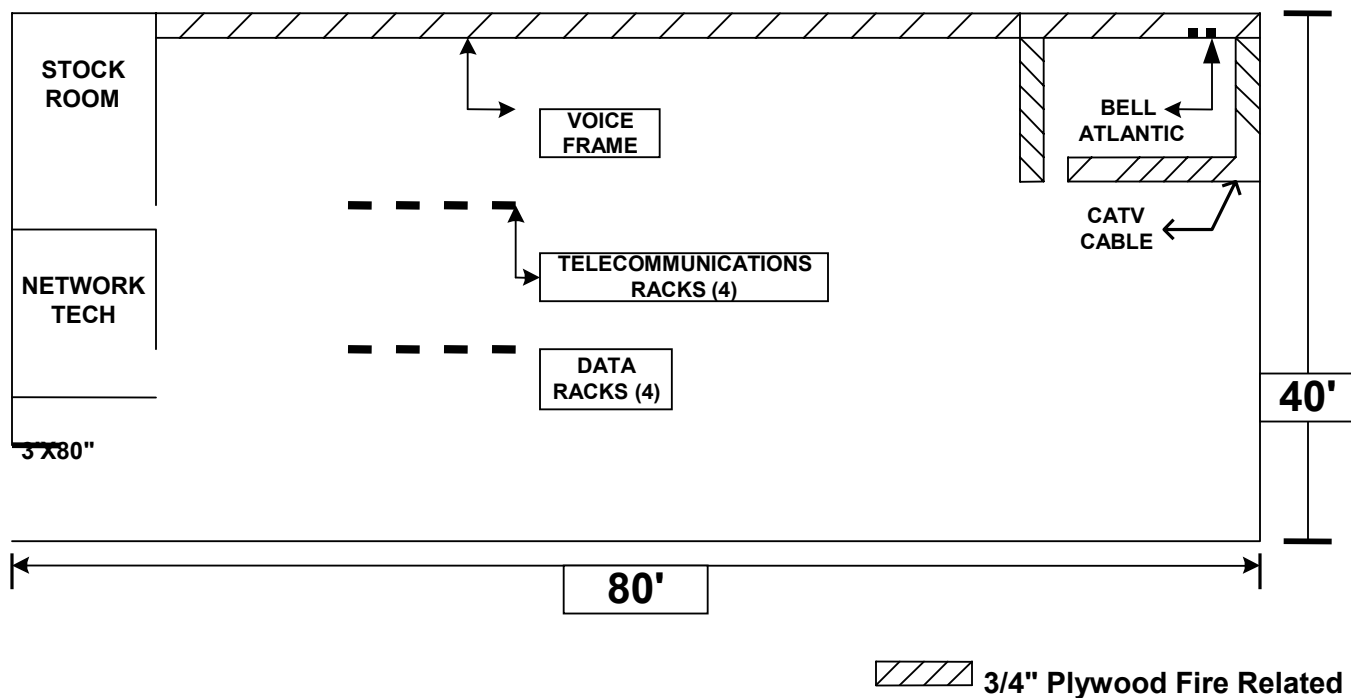
1. Four (4) separately fused 20-amp, 3-wire, 110-volt double duplex receptacle with isolated ground; up 18" from ground to wall.
2. Two overhead 2-tube fluorescent lighting fixtures with switch.
3. 12" ground buss bar with the #6 ground wire to building ground; conforms to NEC code.
4. 3/4" plywood with sealed surface; fire rated.
5. Sleeves through floors and ceilings as required.
6. Wall space to be maintained clear and unobstructed for telephone use; walls should be painted white.
7. U.F.D. (Under floor duct) to turn up 3" from wall.
8. Door to open out.
9. Environmental and other electrical requirements to be stated at the time of specific Design.

ATTACHMENT 16000-A.2



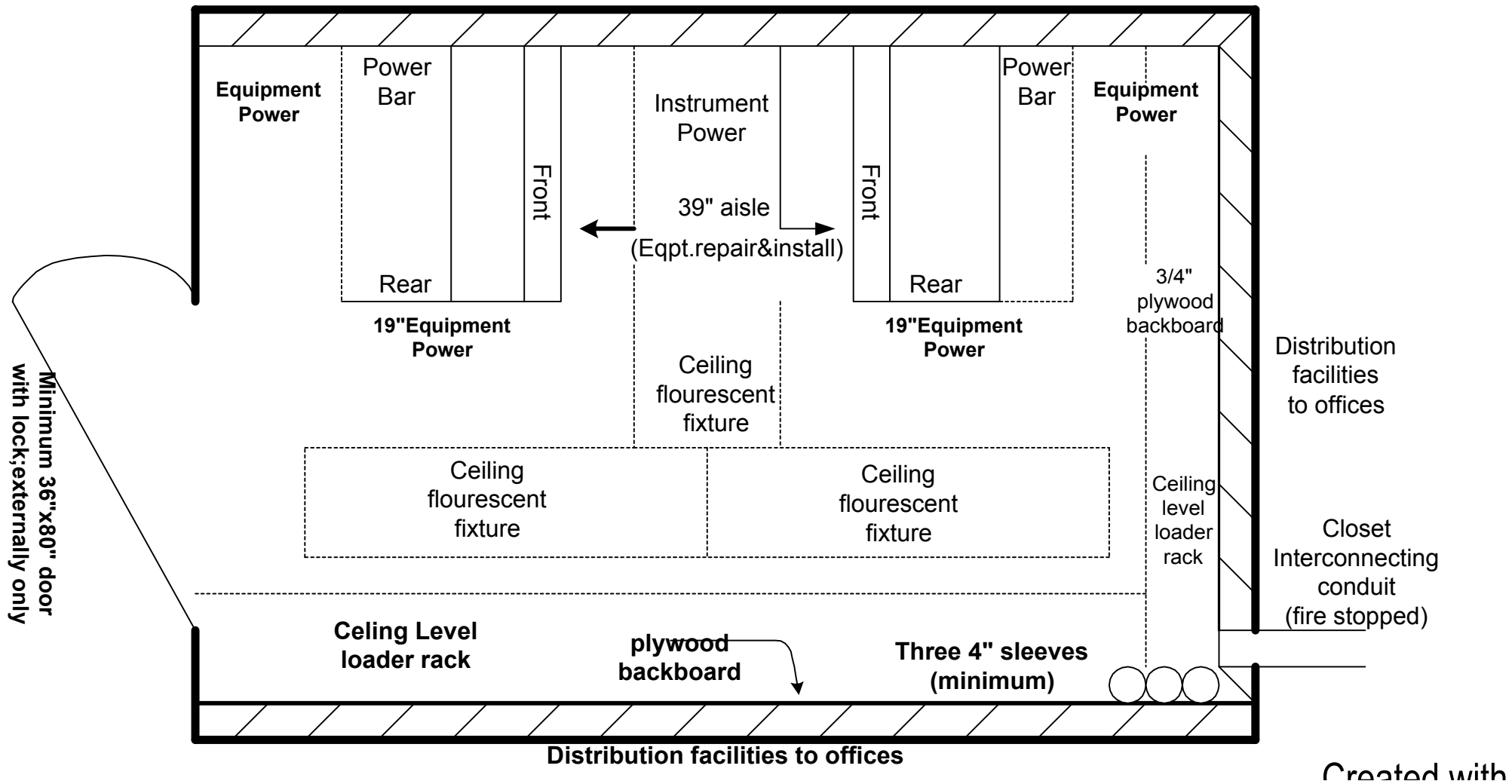
Typical Telecommunications Room

ATTACHMENT 16000-A.3



MAIN TELECOMMUNICATIONS BUILDING ENTRANCE FACILITY

ATTACHMENT 16000-A.4



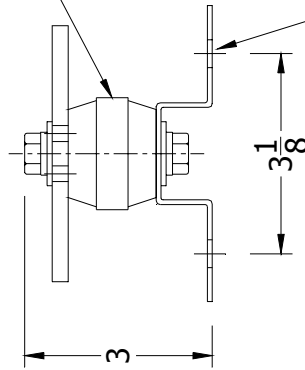
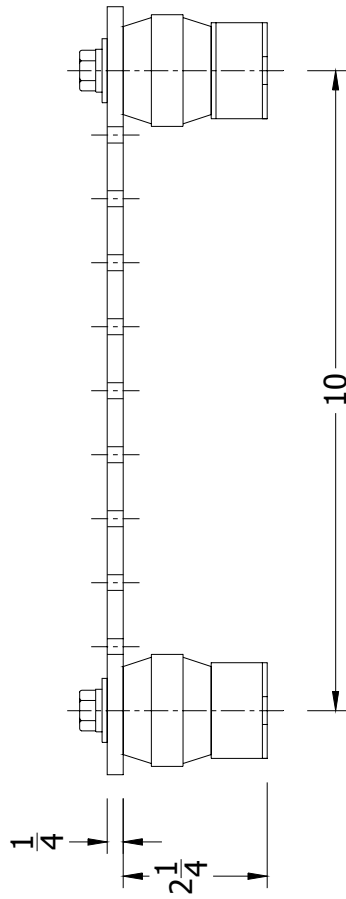
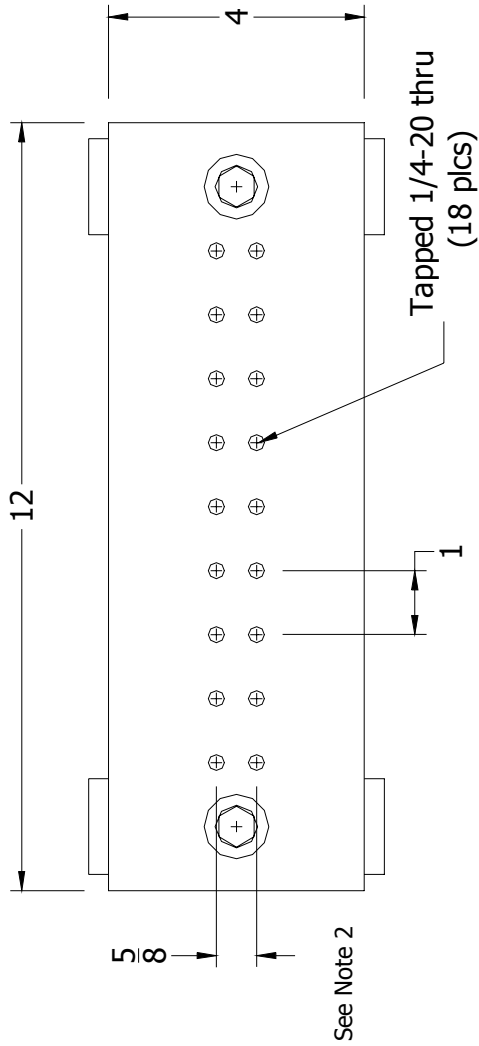
TYPICAL EQUIPPED TELEPHONE CLOSET

ATTACHMENT 16000-A.5

TYPICAL TELECOMMUNICATIONS ROOM

1. Provide four (4) separately fused, 3-wire, 110-volt quad receptacles with isolated ground. Locate outlets six inches up from ground.
2. Provide two- (2) overhead, two-tube fluorescent lighting fixtures with cover guard and separate wall mounted switch. At least one light must be tied to emergency power. Lighting to provide 50 foot candles at three feet.
3. Provide a 12-inch bus bar with a number 6-ground wire to run from the buss bar to the main building ground in accordance with the NEC code. See attachment for buss bar detail.
4. Provide wall mounted four foot by eight foot by $\frac{3}{4}$ inch fire retardant plywood on all sides of room. Paint plywood with a non-volatile, white paint.
5. Provide sleeves through floors and ceilings as required for conduits.
6. Turn up U.F.D. (under floor duct) three inches from the wall.
7. Design door to open out of telecommunications room.
8. Provide HVAC system capable of maintaining a temperature between 65 and 74 degrees F.

ATTACHMENT 16000-A.6



Insulators are UL recognized flame resistant polyester compound.

Ø7/16 Mounting Hole
(x4)

Part # FC-TEL-01

Attachment 16000-B

Note 1: Ground bars are made from silver plated C110 electrolytic tough pitch copper, conforming to ASTM B133, and B187. Electrical conductivity is 101 % IACS.

Note 2: Holes to accomodate 2 hole compression lug for #6 wire. Typical lug - Ilco #CRB-6L2.

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES; TOLERANCES: FRACTIONS DECIMALS ANGLES XX ± .020" ±0° 30' ±.030 XXX ± .010" DIMENSIONAL LIMITS APPLY BEFORE FINAL FINISH.	NOTICE THIS INFORMATION IS THE PROPERTY OF N.J. SULLIVAN CO. ANY REPRODUCTION, PUBLICATION, OR DISTRIBUTION TO A THIRD PARTY IS STRICTLY FORBIDDEN UNLESS WRITTEN PERMISSIONS ARE GIVEN BY AN AUTHORIZED AGENT OF: N.J. SULLIVAN CO., INC.	DFTG.: DATE: 04/03/02
		CHRR.: DATE: _____ MECH. ENG.: DATE: _____ ELEC. ENG.: DATE: _____ PROD. ENG.: DATE: _____

N.A. SULLIVAN CO. INCORPORATED P.O. BOX 438, STERLING, VIRGINIA 20167 METAL FABRICATION		Phone: (703)-471-0544 Fax: (703)-471-0275
DWG. TITLE: Ground Bar Submittal Fairfax County		
DWG. NO.:	10050	
SCALE:	None	SHEET 1 OF 1

REVISIONS				
ZONE	REV.	DESCRIPTION	AP/D.	DATE
		Initial Release		04/03/02